

5.4-5.5 Review Worksheet

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Date _____ Period _____

Write the point-slope form of the equation of the line through the given point with the given slope.

1) through: $(4, 4)$, slope $= 2$

2) through: $(-5, 3)$, slope $= -1$

3) through: $(1, 1)$, slope $= 4$

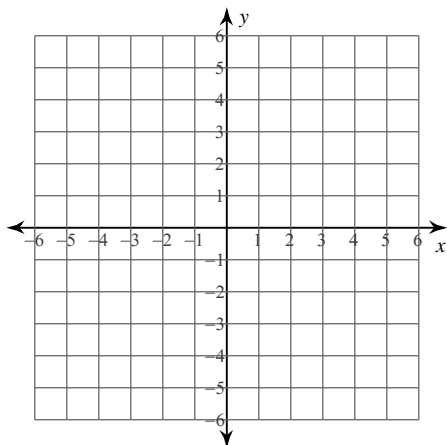
4) through: $(-4, -3)$, slope $= -\frac{1}{4}$

5) through: $(-2, -3)$, slope $= 0$

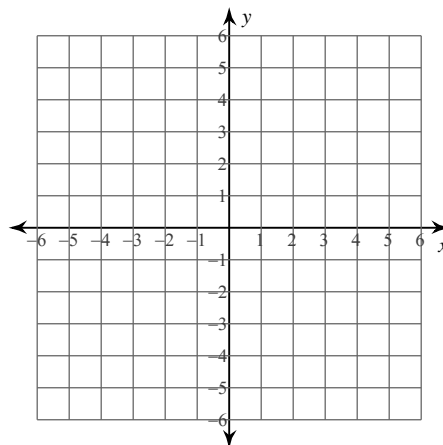
6) through: $(3, 0)$, slope $= \frac{2}{3}$

Sketch the graph of each line.

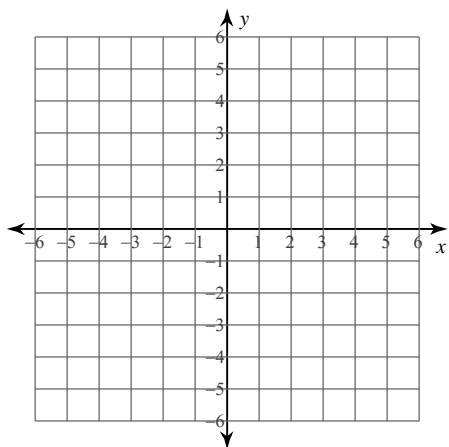
7) $x + 2y = 6$



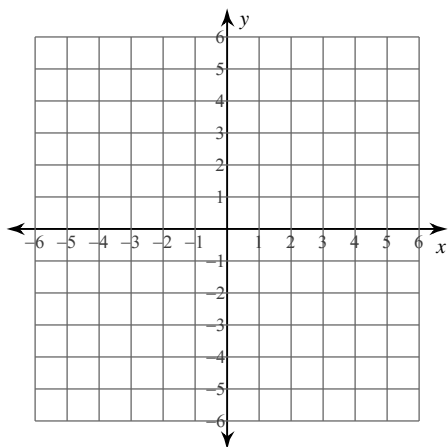
8) $x = -2$



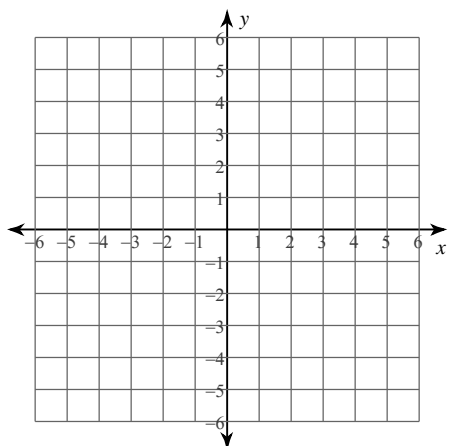
9) $x + y = -1$



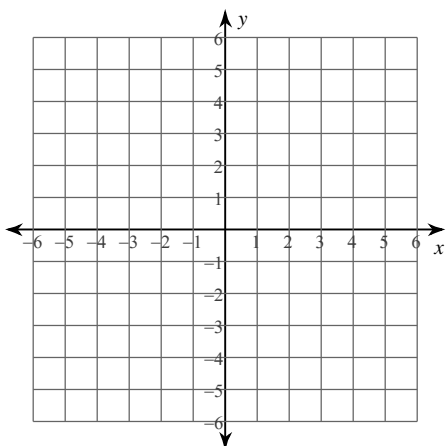
10) $y = -3$



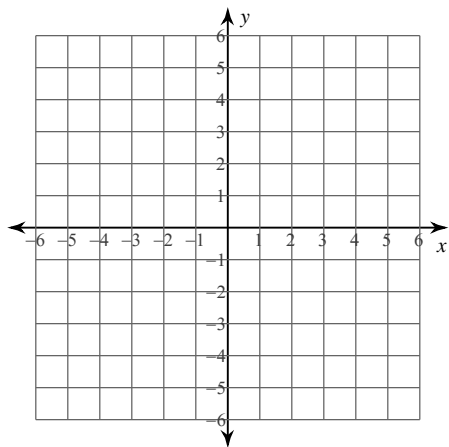
11) $x - 5y = -5$



12) $6x + 5y = -5$



13) $5x + 3y = 0$



14) $y = -5$

